

LIST OF CLAIMS

1. (Previously amended). A method for inducing or enhancing chondrogenesis and cells comprising the step of exposing said cells to a matrix composition comprising type I collagen and an effective amount of BMP-4 sufficient to induce or enhance chondrogenesis.

2. (Previously amended). A method for inducing or enhancing chondrogenesis and cells comprising the step of exposing said cells to a matrix composition comprising type II collagen and an effective amount of BMP-4 sufficient to induce or enhance chondrogenesis.

3-5. (Cancelled)

6. (Currently amended). A method according to claim 1 or 2, ~~2, 3 or 4~~ wherein said step of exposing said cells occurs *in vivo*.

7. (Currently amended). A method according to claim 20 or 21, ~~21, 22, or 23~~ wherein said step of exposing said cells occurs *in vivo*.

8. (Currently amended). A method according to claim 1, or 2, ~~2, 3, or 4~~ wherein said step of exposing said cells occurs *in vitro*.

9. (Currently amended). A method according to claim 20 or 21, ~~or 21, 22, or 23~~ wherein said step of exposing said cells occurs *in vitro*.

10. (Original) A method according to claim 6 wherein said cells comprise joint tissue.

11. (Original) A method according to claim 7 wherein said cells comprise joint tissue.

12-19. (Cancelled)

20. (Previously added). A method for inducing or enhancing chondrogenesis in cells comprising the step of exposing said cells to a matrix composition comprising type I collagen and an effective amount of BMP-4 and GDF-5 sufficient to induce or enhance chondrogenesis.

21. (Previously added). A method for inducing or enhancing chondrogenesis in cells comprising the step of exposing said cells to a matrix composition comprising type II collagen and an effective amount of BMP-4 and GDF-5 sufficient to induce or enhance chondrogenesis.

22 and 23. (Cancelled)